Title (en)

METHOD FOR MANUFACTURING ANNULAR MEMBER

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES RINGFÖRMIGEN ELEMENTS

Title (fr)

PROCÉDÉ DE FABRICATION D'UN ÉLÉMENT ANNULAIRE

Publication

EP 3075478 B1 20190731 (EN)

Application

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Abstract (en)

[origin: EP3075478A1] Provided is a method for manufacturing an annular member with good yield and with high dimensional accuracy. Therefore, the method includes: a cylindrical member forming step of forming a cylindrical member (4) with an annular shape from a round bar material (1); and a cutting and separating step of cutting and separating the cylindrical member (4) over an axial direction of the cylindrical member (4) while rotating the cylindrical member (4), the cylindrical member (4) being cut and separated by a shear force obtained by restraining molds (14a, 14c), which apply an urging force to an outer circumferential surface of the cylindrical member (4), and by a restraining mold (14b), which is provided with a gap on the outer circumferential surface of the cylindrical member (4), among a plurality of restraining molds (14, 15) provided on an inner circumferential surface side and an outer circumferential surface side of the cylindrical member (4) along the axial direction, to obtain a plurality of annular members (5).

IPC 8 full level

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CPC (source: EP US)

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